

(12) **United States Patent**
Maither

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(54) **SYSTEM OF ADAPTABLE MODULAR UTILITY DEVICES**

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(58) **Field of Classification Search**

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CPC B62K 15/00; B62K 15/008; B62K 5/007; B60B 21/12; B60B 3/10; B60B 19/06
See application file for complete search history.

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(56) **References Cited**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

U.S. PATENT DOCUMENTS

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(57) **ABSTRACT**

(51) **Int. Cl.**

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A61G 5/14 (2006.01)

A61G 5/10 (2006.01)

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A foot support is disposed in a horizontal plane and is positioned on a housing of the lower section of a motorized wheel chair rearwardly of upwardly facing receptors. A control post has a lower end removably received in the receptors and an upper end having an upper cross piece with spaced hand grips. A control assembly is coupled to the upper cross piece. A motor within the housing powers laterally spaced drive wheels. A steerer within the housing directs directional wheels. The control assembly includes a drive wheel controller for varying the speed of the system and a directional wheel controller for varying the direction of the system.

(52) **U.S. Cl.**

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A61G 5/10 (2013.01); *A61G 5/12* (2013.01);

A61G 7/1015 (2013.01); *A61G 2005/1051*

7 Claims, 5 Drawing Sheets

